GOVERNMENT OF INDIA
HUMAN RESOURCE DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:3518
ANSWERED ON:21.12.2015
Launch of e-LSI
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Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) the salient features of e-Yantra Lab setup Initiative (e-LSI) and the amount of funds that are required by the colleges to set up the same in the country;

(b) the number of colleges that have implemented e-LSI, State-wise; and

(c) the details of benefits accrued to the colleges?

Answer

MINISTER OF HUMAN RESOURCE DEVELOPMENT
(SMT. SMIRTI ZUBIN IRANI)

(a) The e-Yantra Lab Setup Initiative (e-LSI) builds an eco-system in colleges for students to get hands-on practical experience implementing innovative projects in Embedded systems and Robotics mentored by their own teachers. A three-pronged approach is used to achieve this goal:-

(i) College commits a team of 4 teachers and Rs. 2 lakhs to set up a robotics lab.

(ii) Teacher teams from colleges in a region are trained through a two-day workshop by e-Yantra team with help of a Nodal Center (NC) in that region.

(iii) Teacher teams participate in a step-by-step Task Based Training (TBT) that trains the teachers in a Project Based Learning mode over 3-4 months through the Internet.

By the end of TBT, a college procures the equipment and robotics lab is setup. e-Yantra provides 3 robotic kits to each college and 5 robotic kits to a Nodal Center (NC).

(b) Under the e-Yantra Lab Setup Initiative (e-LSI), Labs have been established in 120 colleges. State wise details are given at Annexure-I.

(c) e-Yantra Lab Setup Initiative (e-LSI) supports infrastructure at colleges by providing a platform for training teachers both in theory and application of Robotics. Training Students through hands-on project is imperative in producing successful innovators and entrepreneurs. Creating the infrastructure with labs and trained teachers provides competitive advantage to colleges in attracting talented students.